

**State of New Hampshire
Department of Transportation**

29780.02

Project: MANCHESTER X-A004(303)
29780

County and Code: HILLSBOROUGH COUNTY 011

Date Bids Open: July 23, 2015

Scope of Work: ROADWAY RESURFACING
THIS PROJECT IS A RE BID

Location: AT THE CONFLUENCE OF I-93 & NH 101

Completion Date: July 29, 2016

A THE GORMAN GROUP LLC
200 CHURCH STREET ALBANY NY 12202

\$2,228,185.91

B PIKE INDUSTRIES, INC.
3 EASTGATE PARK RD BELMONT, NH 03220

\$2,297,536.03

Item No:	Description	Unit	Quantity	Unit Price	A Total	Unit Price	B Total	Unit Price	Total
202.5	REMOVAL OF CATCH BASINS, DROP INLETS, AND MANHOLES	EA	1.00	\$500.00	\$500.00	\$1,500.00	\$1,500.00		
202.6	CURB REMOVAL FOR STORAGE	LF	715.00	\$5.20	\$3,718.00	\$5.25	\$3,753.75		
202.7	REMOVAL OF GUARDRAIL	LF	675.00	\$1.25	\$843.75	\$1.50	\$1,012.50		
203.1	COMMON EXCAVATION	CY	1,575.00	\$16.00	\$25,200.00	\$15.50	\$24,412.50		
206.1	COMMON STRUCTURE EXCAVATION	CY	10.00	\$120.00	\$1,200.00	\$29.50	\$295.00		
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	25.00	\$120.00	\$3,000.00	\$32.50	\$812.50		
214	FINE GRADING	U	1.00	\$23,550.00	\$23,550.00	\$26,000.00	\$26,000.00		
304.101	SAND	CY	390.00	\$36.00	\$14,040.00	\$36.00	\$14,040.00		
304.201	GRAVEL	CY	360.00	\$47.00	\$16,920.00	\$32.00	\$11,520.00		
304.301	CRUSHED GRAVEL	CY	340.00	\$47.00	\$15,980.00	\$38.00	\$12,920.00		
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	460.00	\$117.00	\$53,820.00	\$118.00	\$54,280.00		
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	50.00	\$135.00	\$6,750.00	\$200.00	\$10,000.00		
403.6	PAVEMENT JOINT ADHESIVE	LF	5,500.00	\$1.10	\$6,050.00	\$0.24	\$1,320.00		
413.6	CRACK FILL PRIOR TO THIN LIFT OVERLAY	LB	36,000.00	\$1.10	\$39,600.00	\$2.45	\$88,200.00		
417	COLD PLANING BITUMINOUS SURFACES	SY	15,119.00	\$5.45	\$82,398.55	\$6.60	\$99,785.40		
417.118	COLD PLANING BITUMINOUS SURFACES, 18" WIDE X 0.5" DEEP	LF	44,000.00	\$0.85	\$37,400.00	\$1.30	\$57,200.00		
419.2	AR BONDED WEARING COURSE (BWC), TYPE C	TON	6,300.00	\$148.00	\$932,400.00	\$150.00	\$945,000.00		
559.41	ASPHALTIC PLUG FOR CRACK CONTROL (F)	LF	818.30	\$135.00	\$110,470.50	\$135.00	\$110,470.50		
603.80015	15" PLASTIC PIPE	LF	30.00	\$130.00	\$3,900.00	\$141.00	\$4,230.00		
604.0007	POLYETHYLENE LINER	EA	5.00	\$365.00	\$1,825.00	\$160.00	\$800.00		

Item No:	Description	Unit	Quantity	Unit Price	A		B		Unit Price	Total
					Unit Price	Total	Unit Price	Total		
604.16	CATCH BASINS TYPE F, 4-FOOT DIAMETER	U	1.00	\$4,725.00	\$4,725.00		\$2,930.00	\$2,930.00		
604.22	DROP INLETS TYPE B	U	2.00	\$3,675.00	\$7,350.00		\$2,320.00	\$4,640.00		
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	2.00	\$1,500.00	\$3,000.00		\$600.00	\$1,200.00		
604.62	DRAINAGE MANHOLE COVERS AND FRAMES	EA	2.00	\$840.00	\$1,680.00		\$400.00	\$800.00		
605.515	15" PERF. CORR. POLYETHLY PIPE UND.	LF	27.00	\$180.00	\$4,860.00		\$37.00	\$999.00		
606.127	BEAM GUARDRAIL (TERMINAL UNIT TYPE G-2) (STEEL POST)	U	1.00	\$600.00	\$600.00		\$650.00	\$650.00		
606.1296	BEAM GUARDRAIL (TERMINAL UNIT TYPE E-2) (STEEL POST)	LF	189.50	\$28.00	\$5,306.00		\$30.00	\$5,685.00		
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	525.00	\$19.00	\$9,975.00		\$18.00	\$9,450.00		
608.28	8" CONCRETE SIDEWALK (F)	SY	30.00	\$232.00	\$6,960.00		\$55.00	\$1,650.00		
609.214	STRAIGHT GRANITE SLOPE CURB, 4" HIGH	LF	130.00	\$19.00	\$2,470.00		\$15.00	\$1,950.00		
609.5	RESET GRANITE CURB	LF	1,250.00	\$12.00	\$15,000.00		\$18.00	\$22,500.00		
609.811	BITUMINOUS CURB, TYPE B (4" REVEAL)	LF	515.00	\$11.00	\$5,665.00		\$10.00	\$5,150.00		
614.331	3" STEEL CONDUIT	LF	10.00	\$35.00	\$350.00		\$42.00	\$420.00		
614.511	CONCRETE PULL BOX 14"	EA	2.00	\$650.00	\$1,300.00		\$530.00	\$1,060.00		
614.73114	3" PVC CONDUIT, SCHEDULE 40	LF	80.00	\$35.00	\$2,800.00		\$34.00	\$2,720.00		
615.024	RELOCATING TRAFFIC SIGN TYPE B	U	1.00	\$200.00	\$200.00		\$1,200.00	\$1,200.00		
615.05	TRAFFIC SIGN TYPE BB (F)	SF	29.37	\$13.00	\$381.81		\$82.50	\$2,423.03		
615.064	RELOCATING TRAFFIC SIGN TYPE CC	U	2.00	\$200.00	\$400.00		\$160.00	\$320.00		

Item No:	Description	Unit	Quantity	Unit Price	A		B		Unit Price	Total
					Unit Price	Total	Unit Price	Total		
616.606	TRAFFIC SIGNAL DETECTOR LOOP 6 FT X 6 FT	EA	3.00	\$630.00		\$1,890.00	\$525.00	\$1,575.00		
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	50,000.00	\$1.00		\$50,000.00	\$1.00	\$50,000.00		
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$296,000.00	\$296,000.00		\$180,000.00	\$180,000.00		
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	4.00	\$2,360.00	\$9,440.00		\$4,000.00	\$16,000.00		
619.253	PORTABLE CHANGEABLE MESSAGE SIGN (UNIT WEEK)	UWK	8.00	\$180.00	\$1,440.00		\$175.00	\$1,400.00		
619.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	4.00	\$1,200.00	\$4,800.00		\$4,000.00	\$16,000.00		
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	7.00	\$6.00	\$42.00		\$5.25	\$36.75		
625.2	CONCRETE LIGHT POLE BASES, TYPE B	EA	1.00	\$1,500.00	\$1,500.00		\$1,750.00	\$1,750.00		
628.2	SAWED BITUMINOUS PAVEMENT	LF	2,750.00	\$1.25	\$3,437.50		\$1.05	\$2,887.50		
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	47,000.00	\$0.16	\$7,520.00		\$0.15	\$7,050.00		
632.0106	RETROREFLECTIVE PAINT PAVE. MARKING, 6" LINE	LF	550.00	\$0.26	\$143.00		\$0.26	\$143.00		
632.0112	RETROREFLECTIVE PAINT PAVE. MARKING, 12" LINE	LF	1,650.00	\$0.37	\$610.50		\$0.35	\$577.50		
632.0124	RETROREFLECTIVE PAINT PAVE. MARKING, 24" LINE	LF	550.00	\$2.10	\$1,155.00		\$2.10	\$1,155.00		
632.1104	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 4" LINE	LF	21,600.00	\$1.75	\$37,800.00		\$0.70	\$15,120.00		
632.3118	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	36.00	\$6.30	\$226.80		\$6.10	\$219.60		

Item No:	Description	Unit	Quantity	Unit Price	A		Unit Price	B		Unit Price	Total
					Total			Total			
632.32	RETROREFLECT. THERMOPLAS. PAVEMENT MARKING, SYMBOL OR WORD	SF	95.00	\$10.50	\$997.50		\$11.00	\$1,045.00			
632.71206	GROOVED RETROREFLECTIVE POLYUREA PAVEMENT MARKING, 6" LINE	LF	64,000.00	\$1.65	\$105,600.00		\$1.75	\$112,000.00			
632.71212	GROOVED RETROREFLECTIVE POLYUREA PAVEMENT MARKING, 12" LINE	LF	14,250.00	\$3.20	\$45,600.00		\$3.10	\$44,175.00			
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	29,000.00	\$0.45	\$13,050.00		\$0.42	\$12,180.00			
632.912	OBLITERATE PAVE. MARKING LINE, OVER 12" WIDE	LF	550.00	\$1.10	\$605.00		\$1.10	\$605.00			
646.31	TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS	SY	1,900.00	\$1.20	\$2,280.00		\$0.80	\$1,520.00			
647.1	HUMUS	CY	190.00	\$50.00	\$9,500.00		\$25.25	\$4,797.50			
692	MOBILIZATION	U	1.00	\$137,960.00	\$137,960.00		\$250,000.00	\$250,000.00			
699	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	4,000.00	\$1.00	\$4,000.00		\$1.00	\$4,000.00			
1002.1	REPAIRS OR REPLACEMENTS AS NEEDED - BRIDGE STRUCTURES	\$	5,000.00	\$1.00	\$5,000.00		\$1.00	\$5,000.00			
1010.15	FUEL ADJUSTMENT	\$	20,000.00	\$1.00	\$20,000.00		\$1.00	\$20,000.00			
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	15,000.00	\$1.00	\$15,000.00		\$1.00	\$15,000.00			
					\$2,228,185.91			\$2,297,536.03			

A - PS&E Comparison

PS&E = NHDOT Cost Estimate

Item No:	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
202.5	REMOVAL OF CATCH BASINS, DROP INLETS, AND MANHOLES	EA	1.00	\$500.00	\$500.00	\$500.00	\$500.00	\$0.00
202.6	CURB REMOVAL FOR STORAGE	LF	715.00	\$5.20	\$3,718.00	\$4.00	\$2,860.00	\$858.00
202.7	REMOVAL OF GUARDRAIL	LF	675.00	\$1.25	\$843.75	\$2.00	\$1,350.00	(\$506.25)
203.1	COMMON EXCAVATION	CY	1,575.00	\$16.00	\$25,200.00	\$15.00	\$23,625.00	\$1,575.00
206.1	COMMON STRUCTURE EXCAVATION	CY	10.00	\$120.00	\$1,200.00	\$40.00	\$400.00	\$800.00
206.19	COMMON STRUCTURE EXCAVATION EXPLORATORY	CY	25.00	\$120.00	\$3,000.00	\$60.00	\$1,500.00	\$1,500.00
214	FINE GRADING	U	1.00	\$23,550.00	\$23,550.00	\$6,000.00	\$6,000.00	\$17,550.00
304.101	SAND	CY	390.00	\$36.00	\$14,040.00	\$16.00	\$6,240.00	\$7,800.00
304.201	GRAVEL	CY	360.00	\$47.00	\$16,920.00	\$24.00	\$8,640.00	\$8,280.00
304.301	CRUSHED GRAVEL	CY	340.00	\$47.00	\$15,980.00	\$28.00	\$9,520.00	\$6,460.00
403.11	HOT BITUMINOUS PAVEMENT, MACHINE METHOD	TON	460.00	\$117.00	\$53,820.00	\$105.00	\$48,300.00	\$5,520.00
403.12	HOT BITUMINOUS PAVEMENT, HAND METHOD	TON	50.00	\$135.00	\$6,750.00	\$140.00	\$7,000.00	(\$250.00)
403.6	PAVEMENT JOINT ADHESIVE	LF	5,500.00	\$1.10	\$6,050.00	\$0.60	\$3,300.00	\$2,750.00
413.6	CRACK FILL PRIOR TO THIN LIFT OVERLAY	LB	36,000.00	\$1.10	\$39,600.00	\$3.00	\$108,000.00	(\$68,400.00)
417	COLD PLANING BITUMINOUS SURFACES	SY	15,119.00	\$5.45	\$82,398.55	\$2.50	\$37,797.50	\$44,601.05
417.118	COLD PLANING BITUMINOUS SURFACES, 18" WIDE X 0.5" DEEP	LF	44,000.00	\$0.85	\$37,400.00	\$1.00	\$44,000.00	(\$6,600.00)
419.2	AR BONDED WEARING COURSE (BWC), TYPE C	TON	6,300.00	\$148.00	\$932,400.00	\$153.00	\$963,900.00	(\$31,500.00)
559.41	ASPHALTIC PLUG FOR CRACK CONTROL (F)	LF	818.30	\$135.00	\$110,470.50	\$100.00	\$81,830.00	\$28,640.50
603.80015	15" PLASTIC PIPE	LF	30.00	\$130.00	\$3,900.00	\$50.00	\$1,500.00	\$2,400.00

A - PS&E Comparison

PS&E = NHDOT Cost Estimate

Item No:	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
604.0007	POLYETHYLENE LINER	EA	5.00	\$365.00	\$1,825.00	\$150.00	\$750.00	\$1,075.00
604.16	CATCH BASINS TYPE F, 4-FOOT DIAMETER	U	1.00	\$4,725.00	\$4,725.00	\$3,000.00	\$3,000.00	\$1,725.00
604.22	DROP INLETS TYPE B	U	2.00	\$3,675.00	\$7,350.00	\$2,500.00	\$5,000.00	\$2,350.00
604.4	RECONSTRUCTING/ADJUSTING CATCH BASIN & DROP INLET	LF	2.00	\$1,500.00	\$3,000.00	\$500.00	\$1,000.00	\$2,000.00
604.62	DRAINAGE MANHOLE COVERS AND FRAMES	EA	2.00	\$840.00	\$1,680.00	\$600.00	\$1,200.00	\$480.00
605.515	15" PERF. CORR. POLYETHLY PIPE UND.	LF	27.00	\$180.00	\$4,860.00	\$50.00	\$1,350.00	\$3,510.00
606.127	BEAM GUARDRAIL (TERMINAL UNIT TYPE G-2) (STEEL POST)	U	1.00	\$600.00	\$600.00	\$550.00	\$550.00	\$50.00
606.1296	BEAM GUARDRAIL (TERMINAL UNIT TYPE E-2) (STEEL POST)	LF	189.50	\$28.00	\$5,306.00	\$30.00	\$5,685.00	(\$379.00)
606.18001	31" W-BEAM GUARDRAIL WITH 8" OFFSET BLOCK (STEEL POST)	LF	525.00	\$19.00	\$9,975.00	\$17.00	\$8,925.00	\$1,050.00
608.28	8" CONCRETE SIDEWALK (F)	SY	30.00	\$232.00	\$6,960.00	\$45.00	\$1,350.00	\$5,610.00
609.214	STRAIGHT GRANITE SLOPE CURB, 4" HIGH	LF	130.00	\$19.00	\$2,470.00	\$18.00	\$2,340.00	\$130.00
609.5	RESET GRANITE CURB	LF	1,250.00	\$12.00	\$15,000.00	\$7.60	\$9,500.00	\$5,500.00
609.811	BITUMINOUS CURB, TYPE B (4" REVEAL)	LF	515.00	\$11.00	\$5,665.00	\$7.00	\$3,605.00	\$2,060.00
614.331	3" STEEL CONDUIT	LF	10.00	\$35.00	\$350.00	\$30.00	\$300.00	\$50.00
614.511	CONCRETE PULL BOX 14"	EA	2.00	\$650.00	\$1,300.00	\$350.00	\$700.00	\$600.00
614.73114	3" PVC CONDUIT, SCHEDULE 40	LF	80.00	\$35.00	\$2,800.00	\$15.00	\$1,200.00	\$1,600.00
615.024	RELOCATING TRAFFIC SIGN TYPE B	U	1.00	\$200.00	\$200.00	\$800.00	\$800.00	(\$600.00)
615.05	TRAFFIC SIGN TYPE BB (F)	SF	29.37	\$13.00	\$381.81	\$20.00	\$587.40	(\$205.59)
615.064	RELOCATING TRAFFIC SIGN TYPE CC	U	2.00	\$200.00	\$400.00	\$150.00	\$300.00	\$100.00

A - PS&E Comparison

PS&E = NHDOT Cost Estimate

Item No:	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
616.606	TRAFFIC SIGNAL DETECTOR LOOP 6 FT X 6 FT	EA	3.00	\$630.00	\$1,890.00	\$500.00	\$1,500.00	\$390.00
618.61	UNIFORMED OFFICERS WITH VEHICLE	\$	50,000.00	\$1.00	\$50,000.00	\$1.00	\$50,000.00	\$0.00
619.1	MAINTENANCE OF TRAFFIC	U	1.00	\$296,000.00	\$296,000.00	\$110,000.00	\$110,000.00	\$186,000.00
619.25	PORTABLE CHANGEABLE MESSAGE SIGN	U	4.00	\$2,360.00	\$9,440.00	\$4,000.00	\$16,000.00	(\$6,560.00)
619.253	PORTABLE CHANGEABLE MESSAGE SIGN (UNIT WEEK)	UWK	8.00	\$180.00	\$1,440.00	\$250.00	\$2,000.00	(\$560.00)
619.279	AUTOMATED TRAILER-MOUNTED SPEED LIMIT SIGN	U	4.00	\$1,200.00	\$4,800.00	\$3,250.00	\$13,000.00	(\$8,200.00)
621.2	RETROREFLECTIVE BEAM GUARDRAIL DELINEATOR	EA	7.00	\$6.00	\$42.00	\$5.00	\$35.00	\$7.00
625.2	CONCRETE LIGHT POLE BASES, TYPE B	EA	1.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$0.00
628.2	SAWED BITUMINOUS PAVEMENT	LF	2,750.00	\$1.25	\$3,437.50	\$1.50	\$4,125.00	(\$687.50)
632.0104	RETROREFLECTIVE PAINT PAVE. MARKING, 4" LINE	LF	47,000.00	\$0.16	\$7,520.00	\$0.16	\$7,520.00	\$0.00
632.0106	RETROREFLECTIVE PAINT PAVE. MARKING, 6" LINE	LF	550.00	\$0.26	\$143.00	\$0.30	\$165.00	(\$22.00)
632.0112	RETROREFLECTIVE PAINT PAVE. MARKING, 12" LINE	LF	1,650.00	\$0.37	\$610.50	\$0.30	\$495.00	\$115.50
632.0124	RETROREFLECTIVE PAINT PAVE. MARKING, 24" LINE	LF	550.00	\$2.10	\$1,155.00	\$4.00	\$2,200.00	(\$1,045.00)
632.1104	PREFORMED RETROREFLECTIVE TAPE, TYPE I (REMOVABLE) 4" LINE	LF	21,600.00	\$1.75	\$37,800.00	\$1.25	\$27,000.00	\$10,800.00
632.3118	RETROREFLECT. THERMOPLAS. PAVE. MARKING, 18" LINE	LF	36.00	\$6.30	\$226.80	\$7.50	\$270.00	(\$43.20)

A - PS&E Comparison

PS&E = NHDOT Cost Estimate

Item No:	Description	Unit	Quantity	A-Bidder		PS&E		A-PS&E Difference
				Unit Price	Total	Unit Price	Total	
632.32	RETROREFLECT. THERMOPLAS. PAVEMENT MARKING, SYMBOL OR WORD	SF	95.00	\$10.50	\$997.50	\$9.00	\$855.00	\$142.50
632.71206	GROOVED RETROREFLECTIVE POLYUREA PAVEMENT MARKING, 6" LINE	LF	64,000.00	\$1.65	\$105,600.00	\$0.95	\$60,800.00	\$44,800.00
632.71212	GROOVED RETROREFLECTIVE POLYUREA PAVEMENT MARKING, 12" LINE	LF	14,250.00	\$3.20	\$45,600.00	\$2.20	\$31,350.00	\$14,250.00
632.911	OBLITERATE PAVE. MARKING LINE, 12" WIDE & UNDER	LF	29,000.00	\$0.45	\$13,050.00	\$0.45	\$13,050.00	\$0.00
632.912	OBLITERATE PAVE. MARKING LINE, OVER 12" WIDE	LF	550.00	\$1.10	\$605.00	\$2.00	\$1,100.00	(\$495.00)
646.31	TURF ESTABLISHMENT WITH MULCH AND TACKIFIERS	SY	1,900.00	\$1.20	\$2,280.00	\$0.75	\$1,425.00	\$855.00
647.1	HUMUS	CY	190.00	\$50.00	\$9,500.00	\$25.00	\$4,750.00	\$4,750.00
692	MOBILIZATION	U	1.00	\$137,960.00	\$137,960.00	\$125,000.00	\$125,000.00	\$12,960.00
699	MISCELLANEOUS TEMPORARY EROSION AND SEDIMENT CONTROL	\$	4,000.00	\$1.00	\$4,000.00	\$1.00	\$4,000.00	\$0.00
1002.1	REPAIRS OR REPLACEMENTS AS NEEDED - BRIDGE STRUCTURES	\$	5,000.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00	\$0.00
1010.15	FUEL ADJUSTMENT	\$	20,000.00	\$1.00	\$20,000.00	\$1.00	\$20,000.00	\$0.00
1010.2	ASPHALT CEMENT ADJUSTMENT	\$	15,000.00	\$1.00	\$15,000.00	\$1.00	\$15,000.00	\$0.00
				\$2,228,185.91		\$1,922,544.90		\$305,641.01